OIPE JC42
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PATENT & TRADEMARK OFFICE



**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

In the Claims:

Please amend the claims as follows:

1. (Amended) A library of yeast expression vectors encoding a library of fusion proteins, each vector comprising:

a first nucleotide sequence encoding a first polypeptide subunit;

a second nucleotide sequence encoding a second polypeptide subunit; and

a linker sequence encoding a linker peptide that links the first nucleotide sequence and the second nucleotide sequence;

wherein

the first polypeptide subunit, the second polypeptide subunit, and the linker polypeptide are expressed as a single fusion protein within the library of fusion proteins; [and]

– the first and second nucleotide sequences each independently varies within the library of expression vectors; and

the diversity of the library of fusion proteins is at least $1x10^7$.

7. (Amended) The library of claim 1, wherein the diversity of the fusion proteins encoded by the library of yeast expression vectors is at least [$1x10^6$] $1x10^8$.

10 ~~13~~. (Amended) The library of claim 1, wherein the library of fusion proteins encode a class of multimeric proteins and the first and the second polypeptide subunits are subunits of a multimeric protein in the class [whose sequence varies within a library of multimeric proteins].

20 ~~25~~. (Amended) The library of claim 1, wherein the linker sequences in the library of expression vectors comprise a nucleotide sequence encoding an amino acid sequence of Gly-Gly-Gly-Gly-Ser [SEQ ID NO: 76] in 3 or 4 tandem repeats.

23 ~~38~~. (Amended) A library of transformed yeast cells, comprising: yeast cells transformed with a library of yeast expression vectors, each vector comprising

a first nucleotide sequence encoding a first polypeptide subunit;

a second nucleotide sequence encoding a second polypeptide subunit; and

a linker sequence encoding a linker peptide that links the first nucleotide sequence and

the second nucleotide sequence;

wherein

the first polypeptide subunit, the second polypeptide subunit, and the linker polypeptide are expressed as a single fusion protein; [and]

the first and second nucleotide sequences each independently varies within the library of yeast expression vectors; and

the diversity of the fusion protein expressed by the library of yeast expression vector is at least $1x10^7$.